

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

MICHAEL I. NEIDICH,  
PAUL R. GOLDBERG, and  
MITCHELL A. GOLNER

Serial No.: 09/325,893

Filed: June 6, 1999

For: VIRTUAL MULTICHANNEL  
SPEAKER SYSTEM



Group Art Unit: 2747

San Francisco, California

Assistant Commissioner for Patents  
Washington, D.C. 20231

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on 11/09/99.

Brenda J. Dolly

Brenda J. Dolly Nov. 9, 1999  
Signature Date

PRELIMINARY AMENDMENT TRANSMITTAL

Sir:

Transmitted herewith is a Preliminary Amendment in the captioned application.  
No additional fee is required.

Respectfully submitted,

Dated: Nov. 9, 1999

Gerald P. Parsons  
Gerald P. Parsons, Reg. No.  
MAJESTIC, PARSONS, SIEBERT & HSUE P.C.  
Four Embarcadero Center, Suite 1100  
San Francisco, California 94111-4106  
Telephone: (415) 248-5500  
Facsimile: (415) 362-5418

01/04/2000 SRUFFNER 00000004 131030 09325893

01 FC:102 156.00 CH  
02 FC:103 Atty Docket: ZRAN.014US0

Serial No.: 09/325,893

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )

MICHAEL I. NEIDICH, )  
PAUL R. GOLDBERG, and )  
MITCHELL A. GOLNER )

Serial No.: 09/325,893 )

Filed: June 6, 1999 )

For: VIRTUAL MULTICHANNEL )  
SPEAKER SYSTEM )

Group Art Unit: 2747



RECEIVED  
NOV 17 1999  
TECH CENTER 2700

San Francisco, California

Assistant Commissioner for Patents  
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Please amend claim 12 as follows:

21 12. (Amended) A speaker system comprising four speaker assemblies, a first one of said speaker assemblies mounted in front of a listening area, a second one of said speaker assemblies mounted to the rear of said listening area, a third one of said speaker assemblies mounted to the [to the] right of said listening area and a fourth one of said speaker assemblies mounted to the [to the] left of said listening area, wherein each of said assemblies comprise two fixed speakers mounted in a predetermined position with respect to each other, wherein each of said speakers includes one or more acoustic transducers, said speakers being responsive to a plurality of audio input signals from one or more signal processors, wherein said audio input signals are derived based on fixed input parameters determined by said predetermined positions.